

WEST Search History

DATE: Wednesday, November 10, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L45	L42 and ("SENSE" or sensitiv\$4)	14
<input type="checkbox"/>	L44	L43 and ((control\$4 or driv\$4) with (switch\$3))	7
<input type="checkbox"/>	L43	L42 and (switch\$3)	16
<input type="checkbox"/>	L42	L41 and (birdcage or "bird cage")	19
<input type="checkbox"/>	L41	L11 and (head or brain or skull)	662
<input type="checkbox"/>	L40	20020169374	2
<input type="checkbox"/>	L39	20030184293	2
<input type="checkbox"/>	L38	20030184294	2
<input type="checkbox"/>	L37	20030020475	2
	<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L36	L35 and (combin\$4 with signal)	10
<input type="checkbox"/>	L35	L34 and L13	17
<input type="checkbox"/>	L34	L32 or L33	11708
<input type="checkbox"/>	L33	(600/407 600/408 600/409 600/410 600/411 600/412 600/413 600/414 600/415 600/416 600/417 600/418 600/419 600/420 600/421 600/422 600/423 600/424 600/425 600/426).ccls.	5397
<input type="checkbox"/>	L32	(324/300 324/301 324/302 324/303 324/304 324/305 324/306 324/307 324/308 324/309 324/310 324/311 324/312 324/313 324/314 324/315 324/316 324/317 324/318 324/319 324/320 324/321 324/322).ccls.	7361
<input type="checkbox"/>	L31	L13 and L30	2
	<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L30	L29 and (encod\$4 or spatial\$3)	29
<input type="checkbox"/>	L29	L28 and (sensitivity)	29
<input type="checkbox"/>	L28	L27 and (independent\$4)	33
<input type="checkbox"/>	L27	L26 and (array or neighbor\$6 or proximity or other)	46
<input type="checkbox"/>	L26	L25 and ("sense")	55
<input type="checkbox"/>	L25	L24 and ((two or "2" or four or "4" or second or secondary or fourth or quadrature or quadrupole or quadratic) with ("set" or group or plurality or multiple or number or another))	173
<input type="checkbox"/>	L24	L23 and (((radio adj frequency) or RF or radio-frequency or radiofrequency) with (coil or antenna or probe))	198
<input type="checkbox"/>	L23	L22 and (phase)	204

<input type="checkbox"/>	L22	L21 and (birdcage or (head with coil) or (volume with resonator))	244
<input type="checkbox"/>	L21	L20 and (select\$4 or choos\$4 or rout\$4 or chosen or pick\$4 or identif\$9 or control\$8 or direct\$4)	1116
<input type="checkbox"/>	L20	L19 and ((channel or line or input) with (receiv\$4 or detect\$6 or sens\$4))	1120
<input type="checkbox"/>	L19	L18 and (channel or line or input)	1769
<input type="checkbox"/>	L18	L17 and (("set" or group or plurality or multiple or number or second or secondary or another) with (coil or antenna or probe))	1942
<input type="checkbox"/>	L17	L16 and ((radio adj frequency) or RF or radio-frequency or radiofrequency)	4108
<input type="checkbox"/>	L16	L15 and (receiv\$4 or detect\$6 or sens\$4)	11894
<input type="checkbox"/>	L15	L14 and ((combin\$8 or composite or add\$6) with (signal))	12881
<input type="checkbox"/>	L14	((magnetic adj resonance) or MRI or NMR)	183123
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L13	L12 and (phase with encod\$4)	93
<input type="checkbox"/>	L12	L11 and ("SENSE")	448
<input type="checkbox"/>	L11	L10 and (head or brain or skull or birdcage or "bird cage")	677
<input type="checkbox"/>	L10	L9 and ((select\$4 or choosing or chooses or rout\$3 or direct\$3) with (separat\$4 or individual\$3 or different or first or second))	1180
<input type="checkbox"/>	L9	L7 and (select\$4 or choosing or chooses or rout\$3 or direct\$3)	1380
<input type="checkbox"/>	L8	L7 and (select\$6 or choosing or chooses or rout\$4 or direct\$4)	1380
<input type="checkbox"/>	L7	L6 and ("set" or plurality or group or pair or multiple or "more than one")	1382
<input type="checkbox"/>	L6	L5 and (combin\$8 or merg\$4)	1390
<input type="checkbox"/>	L5	L4 and ((separat\$4 or individual\$3 or different or first or second) with channel\$3)	1710
<input type="checkbox"/>	L4	L2 and ((receiv\$4 or detect\$3) with channel)	2847
<input type="checkbox"/>	L3	L2 and ((receiv\$6 or detect\$5) with channel)	2899
<input type="checkbox"/>	L2	L1 and (channel or path)	30524
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	190457

END OF SEARCH HISTORY

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[Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040044280 A1

Using default format because multiple data bases are involved.

L31: Entry 1 of 2

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040044280 A1

TITLE: Methods & apparatus for magnetic resonance imaging

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Paley, Martyn	Keighly		GB	
Lee, Kuan	Sheffield		GB	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Dc
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☐ 2. Document ID: US 20020125888 A1

L31: Entry 2 of 2

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020125888

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020125888 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Visser, Frederik	Eindhoven		NL	
Haans, Paulus Cornelius Hendrikus Adrianus	Eindhoven		NL	
Van Den Brink, Johan Samuel	Eindhoven		NL	

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
(30 AND 13).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	2
(L13 AND L30).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	2

Display Format:

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Search Results - Record(s) 1 through 17 of 17 returned.

☐ 1. Document ID: US 20040135579 A1

Using default format because multiple data bases are involved.

L35: Entry 1 of 17

File: PGPB

Jul 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040135579

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040135579 A1

TITLE: Magnetic resonance imaging apparatus and method

PUBLICATION-DATE: July 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Takizawa, Masahiro	Chiba		JP	
Takahashi, Tetsuhiko	Saitama		JP	
Ochi, Hisaaki	Tokyo		JP	
Taniguchi, Yo	Tokyo		JP	

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw. D
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☐ 2. Document ID: US 20040044280 A1

L35: Entry 2 of 17

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040044280 A1

TITLE: Methods & apparatus for magnetic resonance imaging

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Paley, Martyn	Keighly		GB	
Lee, Kuan	Sheffield		GB	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 3. Document ID: US 20030216636 A1

L35: Entry 3 of 17

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030216636
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030216636 A1

TITLE: Methods and apparatus for magnetic resonance imaging

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Paley, Martyn	West Yorkshire		GB	
Lee, Kuan	South Yorkshire		GB	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 4. Document ID: US 20030184294 A1

L35: Entry 4 of 17

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030184294
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030184294 A1

TITLE: Multiple channel, neuro vascular array coil for magnetic resonance imaging

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Boskamp, Eddy Benjamin	Menomonee	WI	US	
Lorbiecki, John E.	Hubertus	WI	US	
Blawat, LeRoy Raymond II	Milwaukee	WI	US	

US-CL-CURRENT: 324/318; 324/309, 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 5. Document ID: US 20030184293 A1

L35: Entry 5 of 17

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030184293
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030184293 A1

TITLE: Multiple channel, microstrip transceiver volume array for magnetic resonance imaging

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Boskamp, Eddy Benjamin	Menomonee Falls	WI	US	
Lee, Ray F.	Clifton Park	NY	US	

US-CL-CURRENT: 324/318; 324/309, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 20030122545 A1

L35: Entry 6 of 17

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030122545
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030122545 A1

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Van Den Brink, Johan	Eindhoven		NL	
Hoogeveen, Romhild Martijn	Eindhoven		NL	
Folkers, Paulus Johannes Maria	Eindhoven		NL	
Pruessmann, Klaas Paul	Zurich		CH	
Weiger, Markus	Zurich		CH	

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 20030020475 A1

L35: Entry 7 of 17

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030020475
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030020475 A1

TITLE: RF coil system for an MR apparatus

PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Leussler, Christoph Guenther	Hamburg		DE	

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw.Ds
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☐ 8. Document ID: US 20020169374 A1

L35: Entry 8 of 17

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169374

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169374 A1

TITLE: Phased array local coil for MRI imaging having non-overlapping regions of sensitivity

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jevtic, Jovan	West Allis	WI	US	

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw.Ds
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☐ 9. Document ID: US 20020156362 A1

L35: Entry 9 of 17

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156362

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020156362 A1

TITLE: Concurrent MRI of multiple objects

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bock, Nicholas A.	London		CA	

Henkelman, R. Mark

Toronto

CA

US-CL-CURRENT: 600/410; 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 10. Document ID: US 20020125888 A1

L35: Entry 10 of 17

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020125888

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020125888 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Visser, Frederik	Eindhoven		NL	
Haans, Paulus Cornelius Hendrikus Adrianus	Eindhoven		NL	
Van Den Brink, Johan Samuel	Eindhoven		NL	

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 11. Document ID: US 20020011843 A1

L35: Entry 11 of 17

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020011843

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020011843 A1

TITLE: MR imaging method

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Harvey, Paul Royston	Eindhoven		NL	

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 12. Document ID: US 6650118 B2

L35: Entry 12 of 17

File: USPT

Nov 18, 2003

US-PAT-NO: 6650118

DOCUMENT-IDENTIFIER: US 6650118 B2

TITLE: RF coil system for an MR apparatus

DATE-ISSUED: November 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leussler; Christoph Guenther	Hamburg			DE

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMO	Drawings
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☐ 13. Document ID: US 6593740 B1

L35: Entry 13 of 17

File: USPT

Jul 15, 2003

US-PAT-NO: 6593740

DOCUMENT-IDENTIFIER: US 6593740 B1

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Den Brink; Johan	Eindhoven			NL
Hoogeveen; Romhild Martijn	Eindhoven			NL
Folkers; Paulus Johannes Maria	Eindhoven			NL
Pruessmann; Klaas Paul	Zurich			CH
Weiger; Markus	Dietikon			CH

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMO	Drawings
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☐ 14. Document ID: US 6549799 B2

L35: Entry 14 of 17

File: USPT

Apr 15, 2003

US-PAT-NO: 6549799

DOCUMENT-IDENTIFIER: US 6549799 B2

TITLE: Concurrent MRI of multiple objects

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bock; Nicholas A.	London			CA
Henkelman; R. Mark	Toronto			CA

US-CL-CURRENT: 600/422; 324/307, 324/309, 600/410, 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. Doc
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☐ 15. Document ID: US 6522140 B2

L35: Entry 15 of 17

File: USPT

Feb 18, 2003

US-PAT-NO: 6522140

DOCUMENT-IDENTIFIER: US 6522140 B2

TITLE: MR imaging method

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harvey; Paul Royston	Eindhoven			NL

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. Doc
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☐ 16. Document ID: US 5317260 A

L35: Entry 16 of 17

File: USPT

May 31, 1994

US-PAT-NO: 5317260

DOCUMENT-IDENTIFIER: US 5317260 A

**** See image for Certificate of Correction ****

TITLE: Process for generating a pulse sequence

DATE-ISSUED: May 31, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kasten; Arne	Karlsruhe			DE
Laukien; Gunter	Rheinstetten			DE

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw	Doc
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☐ 17. Document ID: US 5283525 A

L35: Entry 17 of 17

File: USPT

Feb 1, 1994

US-PAT-NO: 5283525

DOCUMENT-IDENTIFIER: US 5283525 A

TITLE: Method and device for the volume-selective extraction of a magnetic resonance spectrum by Hartmann-Hahn transfer

DATE-ISSUED: February 1, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lamerichs; Rudolf M. J. N.	Eindhoven			NL
Van Staple; Reurt P.	Eindhoven			NL
Den Hollander; Jan A.	Eindhoven			NL

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw	Doc
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
(34 AND 13).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	17
(L34 AND L13).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	17

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20020190716 A1

Using default format because multiple data bases are involved.

L44: Entry 1 of 7

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020190716

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020190716 A1

TITLE: Multimode operation of quadrature phased array MR coil systems

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Misic, George J.	Allison Park	PA	US	

US-CL-CURRENT: [324/318](#); [324/309](#), [324/322](#), [335/297](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 20020125888 A1

L44: Entry 2 of 7

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020125888

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020125888 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Visser, Frederik	Eindhoven		NL	
Haans, Paulus Cornelius Hendrikus Adrianus	Eindhoven		NL	
Van Den Brink, Johan Samuel	Eindhoven		NL	

US-CL-CURRENT: [324/318](#); [324/309](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 3. Document ID: US 6798206 B2

L44: Entry 3 of 7

File: USPT

Sep 28, 2004

US-PAT-NO: 6798206

DOCUMENT-IDENTIFIER: US 6798206 B2

TITLE: Neurovascular coil system and interface and system therefor and method of operating same in a multitude of modes

DATE-ISSUED: September 28, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Allison Park	PA		

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 4. Document ID: US 6549799 B2

L44: Entry 4 of 7

File: USPT

Apr 15, 2003

US-PAT-NO: 6549799

DOCUMENT-IDENTIFIER: US 6549799 B2

TITLE: Concurrent MRI of multiple objects

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bock; Nicholas A.	London			CA
Henkelman; R. Mark	Toronto			CA

US-CL-CURRENT: 600/422; 324/307, 324/309, 600/410, 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 5. Document ID: US 6150816 A

L44: Entry 5 of 7

File: USPT

Nov 21, 2000

US-PAT-NO: 6150816

DOCUMENT-IDENTIFIER: US 6150816 A

TITLE: Radio-frequency coil array for resonance analysis

DATE-ISSUED: November 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 6. Document ID: US 5041789 A

L44: Entry 6 of 7

File: USPT

Aug 20, 1991

US-PAT-NO: 5041789

DOCUMENT-IDENTIFIER: US 5041789 A

TITLE: Magnetic-resonance instrument employing barcode experiment specification

DATE-ISSUED: August 20, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Keller; Tony	Reinstetten-Forchheim			DE
Laukien; Gunther R.	Rheinstetten			DE
Spraul; Manfred	Ettlingen			DE

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 4689563 A

L44: Entry 7 of 7

File: USPT

Aug 25, 1987

US-PAT-NO: 4689563

DOCUMENT-IDENTIFIER: US 4689563 A

TITLE: High-field nuclear magnetic resonance imaging/spectroscopy system

DATE-ISSUED: August 25, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bottomley; Paul A.	Clifton Park	NY		
Edelstein; William A.	Schenectady	NY		
Hart, Jr.; Howard R.	Schenectady	NY		
Schenck; John F.	Schenectady	NY		
Redington; Rowland W.	Schenectady	NY		

Leue; William M.

Albany

NY

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMC	Draw. De
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Term	Documents
CONTROL\$4	0
CONTROL	6105706
CONTROLA	275
CONTROLAAIN	1
CONTROLAARE	2
CONTROLAB	4
CONTROLABIL	1
CONTROLABL	3
CONTROLABLD	1
CONTROLABLE	949
CONTROLABLI	2
(L43 AND ((CONTROL\$4 OR DRIV\$4) WITH (SWITCH\$3))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	7

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☐ 1. Document ID: US 20040164738 A1

Using default format because multiple data bases are involved.

L45: Entry 1 of 14

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040164738
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040164738 A1

TITLE: Nuclear magnetic resonance analysis of multiple samples

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rafferty, Daniel	Lafayette	IN	US	
McNamara, Ernesto	Alexandria	VA	US	

US-CL-CURRENT: 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20030020475 A1

L45: Entry 2 of 14

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030020475
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030020475 A1

TITLE: RF coil system for an MR apparatus

PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Leussler, Christoph Guenther	Hamburg		DE	

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20020130661 A1

L45: Entry 3 of 14

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020130661
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020130661 A1

TITLE: Nuclear magnetic resonance analysis of multiple samples

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Raftery, Daniel	Lafayette	IN	US	
Fisher, George G.	Oak Harbor	WA	US	
Petucci, Christopher J.	Memphis	TN	US	
McNamara, Ernesto	Alexandria	VA	US	

US-CL-CURRENT: 324/318; 324/309, 324/321, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw.D
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☐ 4. Document ID: US 20020125888 A1

L45: Entry 4 of 14

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020125888
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020125888 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Visser, Frederik	Eindhoven		NL	
Haans, Paulus Cornelius Hendrikus Adrianus	Eindhoven		NL	
Van Den Brink, Johan Samuel	Eindhoven		NL	

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw.D
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☐ 5. Document ID: US 6696838 B2

L45: Entry 5 of 14.

File: USPT

Feb 24, 2004

US-PAT-NO: 6696838
DOCUMENT-IDENTIFIER: US 6696838 B2

TITLE: Nuclear magnetic resonance analysis of multiple samples

DATE-ISSUED: February 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rafferty; Daniel	Lafayette	IN		
Fisher; George G.	Oak Harbor	WA		
McNamara; Ernesto	Alexandria	VA		

US-CL-CURRENT: 324/321; 324/310, 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Drawings
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☐ 6. Document ID: US 6650118 B2

L45: Entry 6 of 14

File: USPT

Nov 18, 2003

US-PAT-NO: 6650118
DOCUMENT-IDENTIFIER: US 6650118 B2

TITLE: RF coil system for an MR apparatus

DATE-ISSUED: November 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leussler; Christoph Guenther	Hamburg			DE

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Drawings
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☐ 7. Document ID: US 6549799 B2

L45: Entry 7 of 14

File: USPT

Apr 15, 2003

US-PAT-NO: 6549799
DOCUMENT-IDENTIFIER: US 6549799 B2

TITLE: Concurrent MRI of multiple objects

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bock; Nicholas A.	London			CA

Henkelman; R. Mark

Toronto

CA

US-CL-CURRENT: 600/422; 324/307, 324/309, 600/410, 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 6501274 B1

L45: Entry 8 of 14

File: USPT

Dec 31, 2002

US-PAT-NO: 6501274

DOCUMENT-IDENTIFIER: US 6501274 B1

TITLE: Magnetic resonance imaging system using coils having paraxially distributed transmission line elements with outer and inner conductors

DATE-ISSUED: December 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ledden; Patrick	Malden	MA		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 9. Document ID: US 6194900 B1

L45: Entry 9 of 14

File: USPT

Feb 27, 2001

US-PAT-NO: 6194900

DOCUMENT-IDENTIFIER: US 6194900 B1

TITLE: Integrated miniaturized device for processing and NMR detection of liquid phase samples

DATE-ISSUED: February 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Freeman; Dominique M.	Pescadero	CA		
Swedberg; Sally A.	Palo Alto	CA		

US-CL-CURRENT: 324/321; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 10. Document ID: US 6150816 A

L45: Entry 10 of 14

File: USPT

Nov 21, 2000

US-PAT-NO: 6150816

DOCUMENT-IDENTIFIER: US 6150816 A

TITLE: Radio-frequency coil array for resonance analysis

DATE-ISSUED: November 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 11. Document ID: US 5999000 A

L45: Entry 11 of 14

File: USPT

Dec 7, 1999

US-PAT-NO: 5999000

DOCUMENT-IDENTIFIER: US 5999000 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 12. Document ID: US 5777474 A

L45: Entry 12 of 14

File: USPT

Jul 7, 1998

US-PAT-NO: 5777474

DOCUMENT-IDENTIFIER: US 5777474 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: July 7, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. D.
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☐ 13. Document ID: US 5041789 A

L45: Entry 13 of 14

File: USPT

Aug 20, 1991

US-PAT-NO: 5041789

DOCUMENT-IDENTIFIER: US 5041789 A

TITLE: Magnetic-resonance instrument employing barcode experiment specification

DATE-ISSUED: August 20, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Keller; Tony	Reinstetten-Forchheim			DE
Laukien; Gunther R.	Rheinstetten			DE
Spraul; Manfred	Ettlingen			DE

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. D.
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☐ 14. Document ID: US 4689563 A

L45: Entry 14 of 14

File: USPT

Aug 25, 1987

US-PAT-NO: 4689563

DOCUMENT-IDENTIFIER: US 4689563 A

TITLE: High-field nuclear magnetic resonance imaging/spectroscopy system

DATE-ISSUED: August 25, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bottomley; Paul A.	Clifton Park	NY		
Edelstein; William A.	Schenectady	NY		
Hart, Jr.; Howard R.	Schenectady	NY		
Schenck; John F.	Schenectady	NY		
Redington; Rowland W.	Schenectady	NY		
Leue; William M.	Albany	NY		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. D.
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Term	Documents
SENSE	1050610
SENSES	180110
SENSITIV\$4	0
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SENSITIVAT	1
SENSITIVATAT	1
SENSITIVATY	2
SENSITIVB	86
SENSITIVBO	1
(L42 AND ("SENSE" OR SENSITIV\$4)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	14

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